INSTRUCTION MANUAL

ATTENTION
Do not use the gun before reading this guide

MODEL

ZIG M / 1911 **.45 ACP**
9x19 mm

SINGLE ACTION PISTOL

INTRODUCTION:

TİSAS Trabzon Gun Industry Corp. is one of the leading pistol manufacturer in Turkiye. Our company manufactures pistol conforming the AQAP 120 and ISO 9001-2000 regulations.

This manual will guide you in using safely, assembling/disassembling and cleaning and maintaining the pistol.

Please refer to TİSAS for further questions.

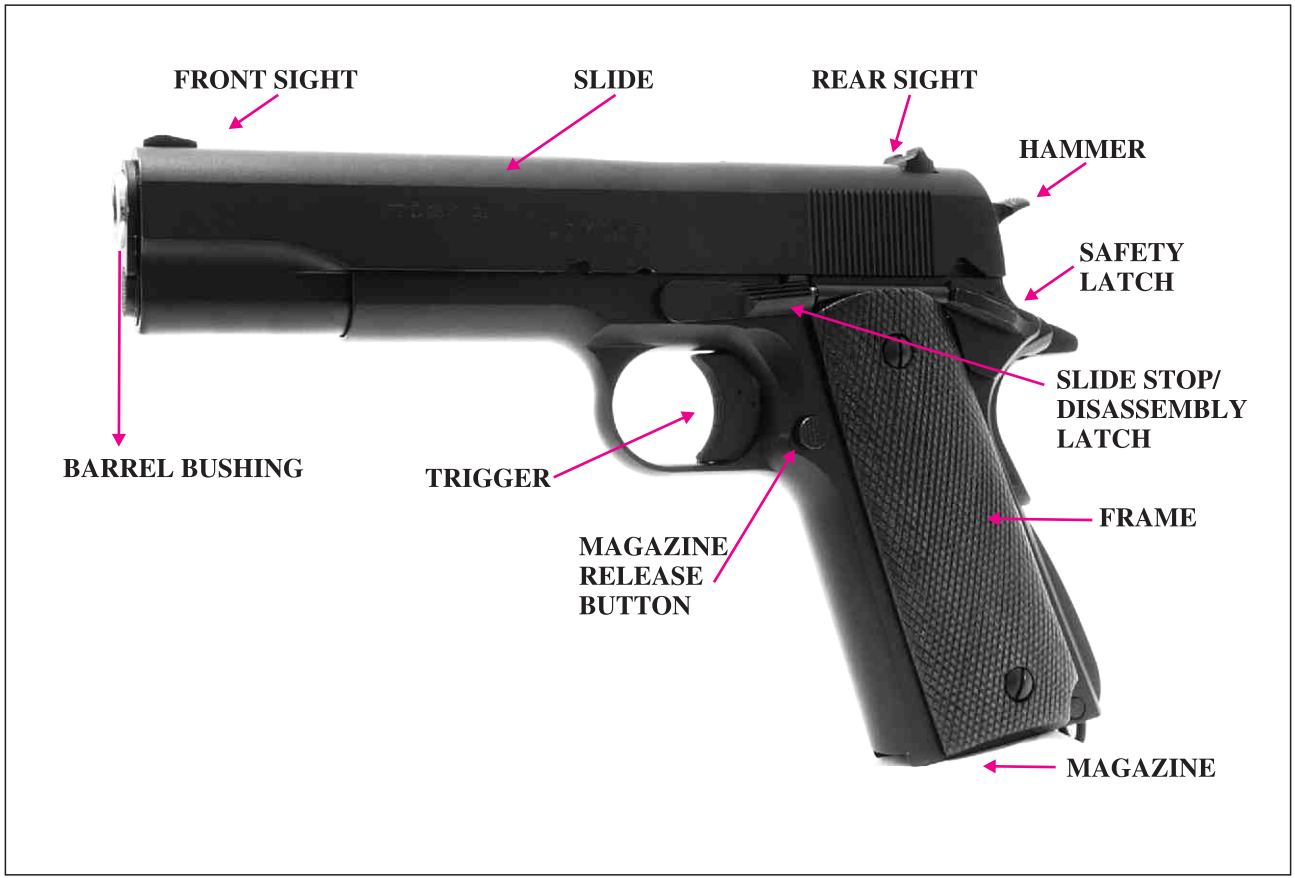
TİSAŞ

WARNING:

TİSAS Trabzon Gun Industry is not responsible of the disobeying the usage regulations, the careless usage, the modification of the parts and /or internal safeties without permission, causing a damage becuase of non-standard, defective inappropriate ammunition, the physical deformation caused by wrong usage and maintenance of the owner. TİSAS is also not responsible of the acts, that are not directly related to TİSAS, of the owner, like physical injury, damaging personal and property right and the similar situations.

SAFETY RULES

- Weapon is not dangerous. The cause of the danger is ignorance and carelessness. For protection against the accidents, please obey the rules below.
- Accidents are always the result of disobeying main rules of gun safety.
- Those who use the gun are responsible for the accidents that may occur.
- Always treat firearm as if they are loaded. For the safety of the gun, the safety pin must be on the position"Safety". Release the magazine and take out the cartridge in the barrel as pulling the cover back.
- Never allow the muzzle to point anything that you are not willing to see destroyed.
- Learn the safety mechanisms and unloading the gun safely.
- Always keep your finger off the trigger until ready to shoot.
- Aim the gun to a safe direction when reloading and unloading it.
- Always keep the gun unloaded until ready to use.
- Use only the proper ammunition.
- Do not shoot at hard surfaces and water
- Never use alcohol or over-the-counter, prescription or other dugs before or while shooting
- Wear eye and ear protection as appropriate
- Be sure that you are using a clean gun, regularly upkeep your gun.
- Always secure your firearms so that they are not accessible to children, other unauthorized and untrained persons.
- Although you are sure that your gun is empty, point the muzzle away from alive objects and non-targets.


FRONT SIGHT
SLIDE
REAR SIGHT
HAMMER
SAFETY LATCH
SLIDE STOP/ DISASSEMBLY LATCH
FRAME
MAGAZINE
BARREL BUSHING
TRIGGER
MAGAZINE RELEASE BUTTON

SECTION 1 LOADING THE PISTOL

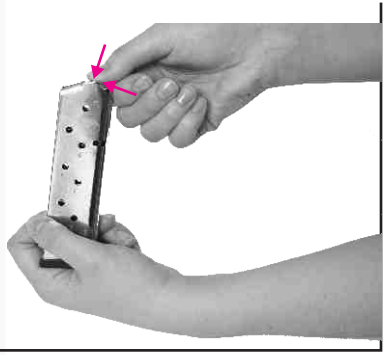
RELEASING THE MAGAZINE

Hold the pistol with your right hand, to remove the magazine, press the magazine release button with your thumb (Pic-1)

Picture -1

LOADING THE MAGAZINE

Hold the magazine with your left hand and with the other one insert the cartridges one at a time, pressing them down to the rear, continue inserting 7 cartridges. Insert the magazine into the pistol until its held by the magazine catch. (Pic-2)



Picture-2

ATTENTION: Always make sure that the muzzle is pointed in a safe direction while loading and unloading!

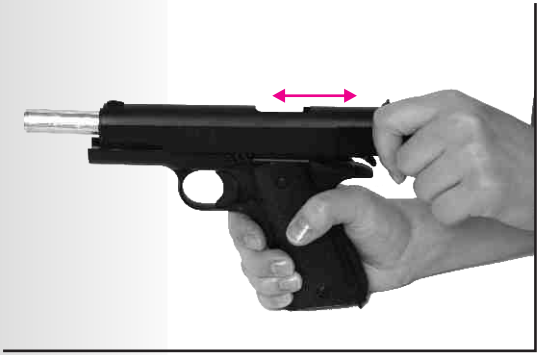
SETTING THE MAGAZINE

Hold the pistol with your hand, keeping away your finger from the trigger. Insert the magazine into the pistol until its held by the magazine catch and it clicks. (Pic-3)

Picture -3

COCKING THE PISTOL

Hold the pistol with your right hand, pull back the slide to the end point with your left hand and release it. When the slide takes the first position with the help of the recoil spring, the slide. The slide will take a cartridge from the magazine. The pistol is cocked and ready to fire.(Pic-4)



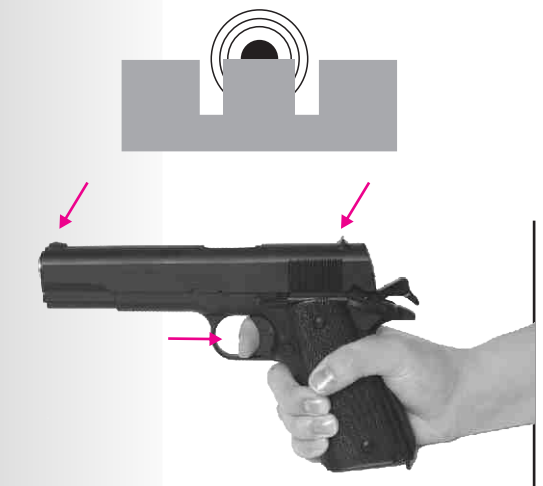
Picture-4

SECTION 2 SHOOTING

ATENTION: **You are carrying a pistol loaded and ready to fire. Keep your finger off the trigger until you are actually aiming at the target ready to shoot.**

If you' re new in using a firearm, you should seek a supervised instruction by an instructor in a shooting range.

1. **After wearing eye and ear protection, turn to the target with your loaded pistol**
2. **Keep your feet 30-45 cm apart to take correct stance**
3. **Raise your arm(see pic-5) and line up with the target. Aim the gun and pull the trigger.**
4. **With each pull of trigger, one shot will occur.**
5. **If you want stop shooting, decock and unload your pistol conforming the general rules.**



Picture-5

TRIGGER BLOCK SAFETY

To place the safety position, push the lever up. The trigger can be moved rearward, the hammer is also blocked.(Pic-6)

Picture -6

FIRING PIN SAFETY

Firing pin safety is only disengaged when the triger is pulled. If, after a fall, the hammer was released , then the firing pin would not be activated.

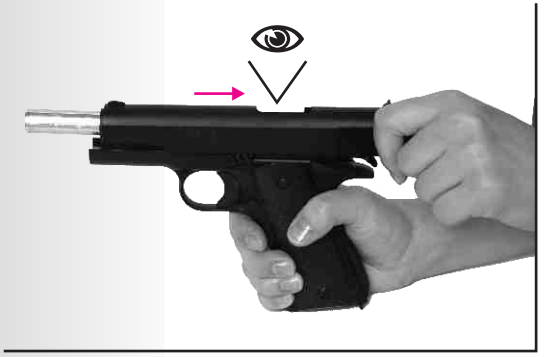
ATTENTION: **Always make sure that the muzzle is pointed in a safe direction, keep away your fingers from the trigger.**

UNLOADING THE MAGAZINE

1. Hold the pistol with your right hand and press the magazine release button with your thumb. Release the magazine with the other hand (Pic-7)

Picture -7

2. After releasing the magazine you should control the chamber. Retract the slide to its rearmost position. Clear the chamber if still remains cartridge. Always check the chamber and the interior area of the receiver and the magazine-well to be certain there are no cartridges present.(Pic-8)



Picture-8

SECTION 3 DISASSEMBLING THE PISTOL

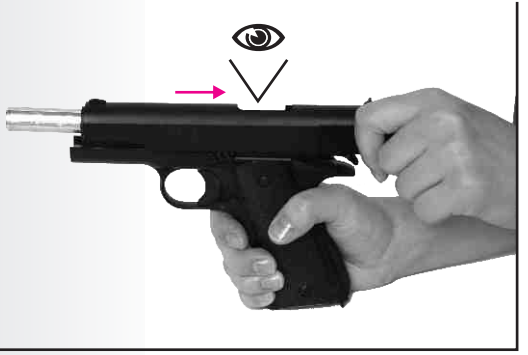
ATTENTION: Please make sure the chamber is empty before disassembling the pistol.

RELEASING THE MAGAZINE

1. Hold the pistol with your right hand, to remove the magazine, press the magazine release button with your thumb (Pic-9)

Picture -9

2. After removing the magazine, visually check whether a cartridge is in the chamber or not. Make sure the gun is pointed in a safe direction (Pic-10)



Picture-10

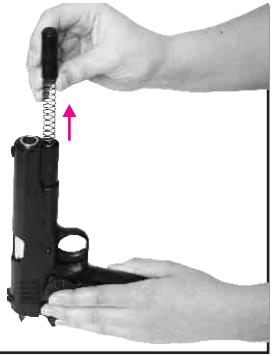
ATTENTION: Always keep your finger off the trigger until ready to shoot.

DISASSEMBLING THE SLIDE

1. Move slide rearward, approximately 1.25 cm, grasp firmly to hold in place, depress recoil spring plug with thumb.
2. Point muzzle away from face and rotate barrel bushing clockwise.
3. Do not rotate bushing off of plug unless you have control of plug and spring. (Pic-11)

Picture -11

4. Cautiously allow plug and recoil spring to move and forward. (Pic-12)



Picture-12

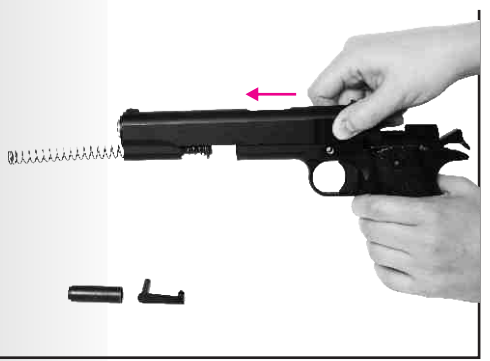
SLIDE STOP REMOVAL

1. **Align disassembly notch on slide with slide stop.**
2. **Press slide stop shaft on right side of frame and remove slide stop by pulling it out of left side frame. (Pic-13)**

Picture -13

SLIDE REMOVAL

Pull slide forward in its guides and remove slide. Barrel, barrel bushing, recoil spring plug, recoil spring and guide will come with it.(Pic-14)



Picture-14

RECOIL SPRING COMPONENTS REMOVAL

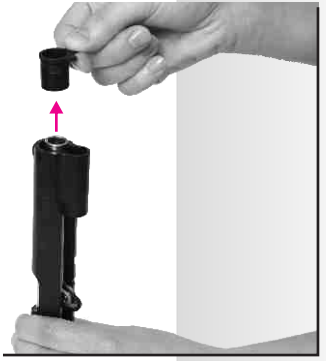
Remove recoil spring and guide through back side.(Pic-15)

Picture -15

BARREL REMOVAL

1. Rotate barrel bushing to right of slide and remove it through the front.
2. Tilt barrel link forward and remove barrel from front of slide.(Pic-16-17-18)

Picture -16



Picture-17

Picture-18

SECTION 4 CARE

Basic materials needed:
• Cleaning rod of proper size with bristle bore brushes (fiber or brass) and tip into which cleaning patch can be inserted.
• Cloth patches
• Powder solvent
• Lubricating oil
• Small lint-free cloths for wiping and oiling
• Bristle brush for scrubbing dirt off breech face, extractor, magazine lips, follower, etc.

Use proper size bore brushes and patches- if they are too small they won't do the job, and if they are too large they will bind inside bore.

When possible, insert cleaning rod from chamber end of bore and push rod all the way through so it emerges from muzzle.

Do not 'reverse' rod direction when patch or brush is in barrel, it might bind.

Do not use patches dripping with solvent or oil. Wet patches or brushes, then squeeze out excess before using.

When using bore brushes or a larger bristle brush on breech face, breech areas, magazine etc. , work carefully to prevent damaging components.

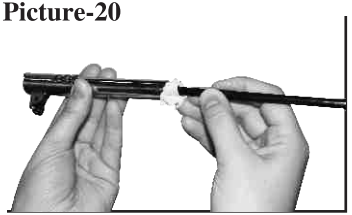
Picture-19

Note: If lower parts of receiver and its mechanism are especially dirty, soak in appropriate solvent, or flush clean with same solvent. Remove grip panels before soaking or flushing, and make certain that all foreign matter is removed after cleaning. Lightly oil after cleaning. Only a very small amount of oil is needed to adequately lubricate moving parts and prevent rust. Stainless stell pistols require slightly more lubrication than parkerized or blued pistols. Accumulation of oil tends to attract dust and dirt which interferes with the safe and reliable functioning of pistol. Do not apply excess lubricating oil.

CLEANING PISTOL

1. Point gun in safe direction.
2. Remove magazine and empty chamber.
3. Separate cartridges from pistol before cleaning operation.
4. Open slide and visually check that chamber and magazine well are free of cartridge.
5. Disassemble pistol as described in the proper DISASSEMBLY section.
6. Using cleaning rod, run solvent-wetted patch through barrel several times.
7. Attach solvent-wetted bristle brush to rod and run back and forth full length of bore as needed until clean of grease and dirt.
8. Clean barrel with dry patches and examine it. If necesasary, repeat barrel scrubbing.
9. Bore fouling can contribute to reduced accuracy, and grease accumulation in the chamber can interfere with proper feeding of cartridges from magazine.
10. Using powder solvent on a clean patch, remove powder residue from all components of mechanism. If grease or dirt can not be removed by wiping with patch, use solvent-wetted bristle brush.
11. Next, wipe scrubbed areas with solvent wetted patch.
12. After cleaning, run dry patch through barrel, then follow with lightly-oiled patch.
13. Wipe all surfaces clean with cloth, then wipe all surfaces with lightly-oiled patch (or cloth).
14. Reassemble pistol. Remember, an improperly assembled firearm is dangerous and should not be fired. Always consult an experienced gunsmith if you experience any difficulty or have any questions concerning assembly procedure.
15. If pistol is to be stored for an extended period, final oil wiping can be heavier so there will be less tendency for it to evaporate. Stainless steel pistols must be lubricated.

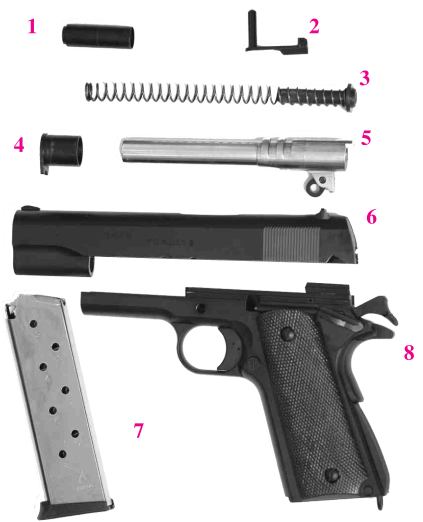
Picture-20



Picture-21

Picture-22

ATTENTION: Please contact a gunsmith for assembling /disassemling other parts.



1. Recoil Spring Plug
2. Slide Stop
3. Recoil Spring and Guide
4. Barrel Bushing
5. Barrel
6. Slide
7. Magazine
8. Frame

SECTION 5 ASSEMBLY

Assemble by reversing the order of disassembly.

Note: When replacing recoil assembly (Pic-15), be certain the recoil spring guide and recoil spring are aligned with the barrel before inserting in slide. Be sure to flip barrel link forward before installing slide assembly. Slide stop shaft must go through hole barrel link.

WARNING:
An improperly assembled firearm is dangerous and should not be fired. Always consult an experienced gunsmith if experience any difficulty or have any questions concerning assembly procedure.

PERIODIC CLEANING: EXTRACTOR

Note: Once the slide is removed, the firing pin removal and cleaning can be done.

Step 1- Firing Pin Removal

1. If necessary, remove firing pin by pressing it with pin punch while simultaneously pushing firing pin tail past the firing stop, then pull the firing pin stop downward from the slide.
2. Remove firing pin and its spring.

Caution: Point the back end of the slide, where the firing pin exists, away from face to prevent injury in the event the firing pin is ejected by the spring.

Step 2- Extractor Removal

Using pin punch, pull extractor by groove where firing pin stop runs.

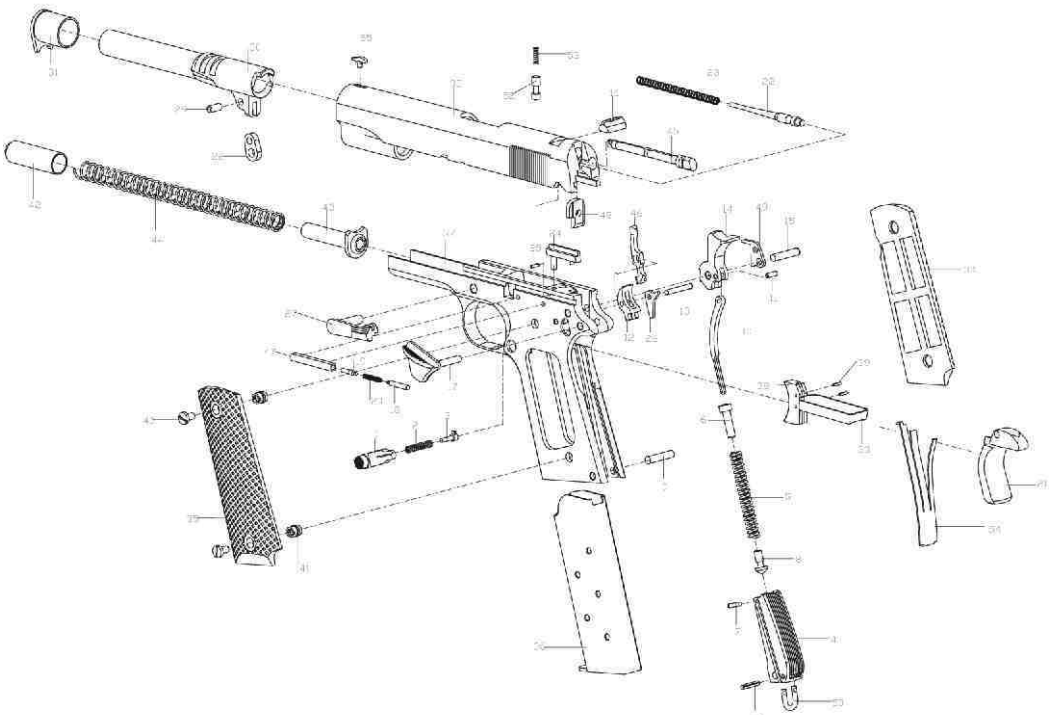
SECTION 6 TECHNICAL SPECIFICATIONS

Caliber	.45 ACP - 9 x 19 mm
Magazine Capacity .45 ACP	7
Magazine Capacity 9x19 mm	9
Weight (empt. Mag.)	1120 gr
Lenght	215,5 mm
Height	137,9 mm
Width	34 mm
Barrel Lenght	127,5 mm
Line of Sight	164 mm
Barrel Rifling	Right hand twist, 5 lands and grooves
Trigger Pull	Single Action: 3 kg

PART LIST

1	C11-1	MAGAZINE CATCH	29	C11-13.01	BARREL LINK PIN
2	C11-1.01	MAGAZINE CATCH SPRING	30	C11-14	BARREL
3	C11-1.02	MAGAZINE CATCH LOCK	31	C11-15	BARREL BUSHING
4	C11-2	ARCHED MAINSPRING HOUSING	32	C11-16	SLIDE
5	C11-2.01	MAINSPRING	33	C11-17	TRIGGER
6	C11-2.02	MAINSPRING RETAINER	34	C11-18	RIGHT HANG PLASTIC GRIP
7	C11-2.03	LOCKING BOLT	35	C11-19	LEFT HAND PLASTIC GRIP
8	C11-2.04	MAINSPRING RETAINER	36	C11-20	MAGAZINE
9	C11-2.05	MAINSPRING RETAINER	37	C11-21	FRAME
10	C11-3	HAMMER STRUT	38	C11-22	TRIGGER
11	C11-3.01	HAMMER STRUT PIN	39	C11-22.01	TRIGGER PIN
12	C11-4	SEAR	40	C11-23	GRIP SCREW
13	C11-4.01	SEAR PIN	41	C11-23a	GRIP NUT
14	C11-5	REGULAR SPUR HAMMER	42	C11-24	RECOIL SPRING PLUG
15	C11-5.01	HAMMER PIN	43	C11-24.01	RECOIL SPRING GUIDE
16	C11-6	REAR SIGHT	44	C11-24.02	RECOIL SPRING
17	C11-7	THUMB SAFETY	45	C11-25	EXTRACTOR
18	C11-7.01	SAFETY PLUNGER	46	C11-26	DISCONNECTOR
19	C11-7.02	SLIDE STOP PLUNGER	47	C11-27	PLUNGER TUBE
20	C11-7.03	SLIDE STOP SPRING	48	C11-28	FIRING PIN STOP
21	C11-8	GRIP SAFETY	49	C11-29	FIRING PIN STOP
22	C11-9	FIRING PIN	50	C11-30	BARREL LINK
23	C11-9.01	FIRING PIN SPRING	51	C11-30.01	BARREL LINK PIN
24	C11-10	EJECTOR	52	C11-31	PIN SAFETY BLOCK
25	C11-10.01	EJECTOR PIN	53	C11-31.01	PIN SAFETY BLOCK SPRING
26	C11-11	FIRING PIN STOP	54	C11-32	SEAR SPRING
27	C11-12	SLIDE STOP	55	C11-33	FRONT SIGHT
28	C11-13	BARREL LINK			

EXPLODED WIEW



TİSAŞ has the Security and Prodcution Licence from Ministry of National Defence since 1998 and the manufacturing system at TİSAŞ confirms the requirements of the AQAP-120 and ISO 9001-200 Quality Systems

PROBLEMS ON FIRING

Malfunctions or defects at firing of the firearms are caused by wrong maintenance, damaged magazine or wrong type of ammunition.

PROBLEMS	POSSIBLE REASONS	SOLUTION SUGGESTION
Firearm is not firing	Hammer does not work	Be sure that the safety latch is on
	Hammer works but not fire, broken firing pin	Take the firearm to a gunsmith
	Dirty slege surface	Unload the firearm and clean it
	Wrong type of cartridge	Efect the cartridge by pulling the slide back, continue to fire with the next cartridge
Feeding problem	Insufficient cocking	Repeat the operation by pulling the slide back
	Insufficient spring pressure	Push the magazine until it' s held by he magazine catch or take the firearm to a gunsmith
	Deformed magazine lip	Change the magazine
	Deformed magazine spring	Change the magazine
	Deformed carrier spring	Change the carrier spring
Ejection failures	Failure in extracting jammed at the cover	Remove the magazine from the firearm. Pull the slide back, remove the jammed cartridge with a wooden tool and clean the chamber. If the problem repeats again, take the firearm to a gunsmith
	Broken extractor	Take the firearm to a gunsmith
	Wrong type of damaged ammunition	Change the ammunition
	Deformed or broken extractor spring	Take the firearm to a gunsmith
	Deformed or broken ejector	Take the firearm to a gunsmith

GUARANTEE CONDITIONS

1. The guarantee continues one year and starts from the delivery of the gun
2. If there is a failure with the gun in the guarantee period; contact the authorized service by the seller
3. If there is a failure with the gun by the material, workmanship or assembling faults in the guarantee period; the gun is repaired as soon as possible.
4. Failures caused by the usage faults are not in the guarantee range. The usage faults are determined by the experts of our company.
5. For more information contact us.

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